American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended December 14, 1990 NO. 50

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/14/90	Last Week Ending: 12/07/90	Last Year Week Ending: 12/15/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,066	12,947	13,901	119	-835
Operable capacity	15,591	15,591	15,591	0	0
Percent operated	83.8	83.0	89.2		
Motor Gasoline					
Total motor gasoline production	6,759	7,157	7,168	-398	-409
Finished leaded motor gasoline production	267	262	509	5	-242
Finished unleaded motor gasoline production	6,492	6,895	6,659	-403	-167
Total motor gasoline stocks	224,623	221,650	226,502	2,973	-1,879
Finished leaded motor gasoline stocks	9,509	9,400	18,389	109	-8,880
Finished unleaded motor gasoline stocks	175,727	173,467	170,056	2,260	5,671
Jet Fuel Kerosine					
Jet fuel kerosine production	1,315	1,437	1,329	-122	-14
Jet fuel kerosine stocks	45,080	45,452	44,136	-372	944
Distillate Fuel Oil					
Distillate fuel oil production	2,927	2,904	3,385	23	-458
Distillate fuel oil stocks	132,644	133,385	116,162	-741	16,482
Residual Fuel Oil					
Residual fuel oil production	979	934	1,184	45	-205
Residual fuel oil stocks	48,671	49,438	49,170	-767	-499
Imports					
Crude oil imports	5,149	4,703	6,432	446	-1,283
Product imports	2,061	1,707	2,335	354	-274
Crude Oil Stocks					
Crude oil stocks	331,458	332,083	347,780	-625	-16,322
Crude Supply Balance	369				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,238	975	975	1,384	70.4
Appal. No. 1	86	84	85	124	68.5
DISTRICT 1 TOTAL	1,324	1,059	1,060	1,508	70.3
Ind., Ill., Ky.	2,000	1,909	1,931	2,195	88.0
Minn., Wisc., Daks.	323	316	317	343	92.4
Okla., Kans., Mo.	769	694	697	737	94.6
DISTRICT 2 TOTAL	3,092	2,919	2,945	3,275	89.9
Inland Texas	542	505	531	584	90.9
Texas Gulf Coast	3,203	2,851	2,902	3,339	86.9
La. Gulf Coast	2,539	2,256	2,271	2,903	78.2
N. La. and Ark.	191	177	177	257	68.9
New Mexico	80	74	74	78	94.9
DISTRICT 3 TOTAL	6,555	5,863	5,955	7,161	83.2
DISTRICT 4 TOTAL	495	445	473	556	85.1
DISTRICT 5 TOTAL	2,713	2,467	2,633	3,091	85.2
TOTAL U.S.	14,179	12,753	13,066	15,591	83.8
TOTAL U.S. Weeks Ended:					
DEC. 7, 1990	14,487	12,780	12,947	15,591	83.0
DEC. 15, 1989	15,045	13,726	13,901	15,591	89.2
DISTRICTS 1-4 Weeks Ended:					
DEC. 14, 1990	11,466	10,286	10,433	12,500	83.5
DEC. 7, 1990	11,644	10,193	10,331	12,500	82.6
DEC. 15, 1989	12,267	11,153	11,239	12,553	89.5

API WEEKLY STATISTICAL BULLETIN

Week Ended December 14, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	621	--	621	9	110	277	129
Appal. No. 1	15	1	14	--	--	23	2
DISTRICT 1 TOTAL	636	1	635	9	110	300	131
Ind., Ill., Ky.	1,150	11	1,139	4	114	472	69
Minn., Wisc., Daks.	176	7	169	2	21	69	10
Okla., Kans., Mo.	388	31	357	--	57	203	8
DISTRICT 2 TOTAL	1,714	49	1,665	6	192	744	87
Inland Texas	311	6	305	18	43	132	17
Texas Gulf Coast	1,467	7	1,460	57	270	653	209
La. Gulf Coast	1,080	--	1,080	16	318	474	175
N. La. and Ark.	62	--	62	7	1	53	10
New Mexico	58	11	47	12	1	18	1
DISTRICT 3 TOTAL	2,978	24	2,954	110	633	1,330	412
DISTRICT 4 TOTAL	227	35	192	16	24	124	8
DISTRICT 5 TOTAL	1,204	158	1,046	38	356	429	341
TOTAL U.S.	6,759	267	6,492	179	1,315	2,927	979
TOTAL U.S. Weeks Ended:							
DEC. 7, 1990	7,157	262	6,895	158	1,437	2,904	934
DEC. 15, 1989	7,168	509	6,659	258	1,329	3,385	1,184
DISTRICTS 1-4 Weeks Ended:							
DEC. 14, 1990	5,555	109	5,446	141	959	2,498	638
DEC. 7, 1990	6,014	134	5,880	106	1,049	2,496	659
DEC. 15, 1989	5,908	287	5,621	202	983	2,937	761

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,684	21	4,662	1	95	549	6,350	461	--
Central Atlantic	27,357	14	22,795	4,548	211	5,924	33,263	19,856	12,863
Lower Atlantic	28,170	42	27,986	142	419	6,314	17,041	2,397	477
DISTRICT 1 TOTAL	60,211	77	55,443	4,691	725	12,787	56,654	22,714	13,340
DISTRICT 2 TOTAL	56,760	2,399	46,797	7,564	914	9,603*	31,452	3,248	14,754
DISTRICT 3 TOTAL	68,319	755	51,226	16,338	2,170	15,143	28,366	14,666	49,095
DISTRICT 4 TOTAL	7,840	1,474	3,854	2,512	360	885	2,792	515	1,791
DISTRICT 5 TOTAL	31,493	4,804	18,407	8,282	1,663	6,662	13,380	7,528	25,712
TOTAL U.S.	224,623	9,509	175,727	39,387	5,832	45,080	132,644	48,671	104,692
TOTAL U.S. Weeks Ended:									
DEC. 7, 1990	221,650	9,400	173,467	38,783	6,000	45,452*	133,385	49,438	107,845
DEC. 15, 1989	226,502	18,389	170,056	38,057	6,181	44,136	116,162	49,170	108,202
DISTRICTS 1-4 Weeks Ended:									
DEC. 14, 1990	193,130	4,705	157,320	31,105	4,169	38,418	119,264	41,143	78,980
DEC. 7, 1990	190,964	4,541	155,382	31,041	4,318	38,267*	119,775	42,405	82,063
DEC. 15, 1989	196,154	12,609	153,118	30,427	4,753	36,740	104,725	40,047	86,101

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin
[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 14, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 14, 1990	4,377.0	4,407.0	5,057	566	257,620
DEC. 7, 1990	4,390.0*	--	4,530*	579	256,707
NOV. 30, 1990	4,390.0*	--	4,799	604	261,590
NOV. 23, 1990	4,390.0*	--	5,088	578	263,016
DISTRICT 5 TOTAL					
DEC. 14, 1990	2,851.0	2,647.0	92	--	73,838 #
DEC. 7, 1990	2,692.0*	--	173	--	75,376
NOV. 30, 1990	2,692.0*	--	57	--	73,959
NOV. 23, 1990	2,692.0*	--	165	--	74,059
TOTAL U.S.					
DEC. 14, 1990	7,228.0	7,054.0	5,149	566	331,458 #
DEC. 7, 1990	7,082.0*	--	4,703*	579	332,083
NOV. 30, 1990	7,082.0*	--	4,856	604	335,549
NOV. 23, 1990	7,082.0*	--	5,253	578	337,075
DEC. 15, 1989	7,337.0 a/	--	6,432	684	347,780

#INCLUDES 12,865 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
DEC. 14, 1990	369	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 14, 1990	14,690	69,298	160,992	12,640	257,620	73,838 #	331,458 #
DEC. 7, 1990	13,475	69,512	161,690	12,030	256,707	75,376	332,083
DEC. 15, 1989	13,453	71,550	162,797	11,987	259,787	87,993	347,780

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	171	--	171	--	--	23	63	--	4	--	--	261
Central Atlantic	190	--	190	8	--	--	76	304	5	222	29	834
Lower Atlantic	91	--	91	--	--	43	16	63	--	--	--	213
DISTRICT 1 TOTAL												
DEC. 14, 1990	452	--	452	8	--	66	155	367	9	222	29	1,308
DEC. 7, 1990	299	--	299	27	12	53	174	295	79	154	47	1,140
NOV. 30, 1990	344	--	344	21	29	55	258	356	23	322	52	1,460
NOV. 23, 1990	259	--	259	42	23	46	190	270	63	153	5	1,051
DISTRICTS 2-4 TOTAL												
DEC. 14, 1990	13	--	13	5	--	21	5	10	94	292	267	707
DEC. 7, 1990	6	--	6	4	8	11	5	7	159	155	175	530
NOV. 30, 1990	7	--	7	41	8	22	9	10	97	288	290	772
NOV. 23, 1990	6	--	6	6	2	12	4	10	175	232	152	599
DISTRICT 5 TOTAL												
DEC. 14, 1990	9	--	9	--	--	7	2	14	6	--	8	46
DEC. 7, 1990	7	--	7	2	--	4	2	11	5	1	5	37
NOV. 30, 1990	12	--	12	3	--	7	4	11	1	1	--	39
NOV. 23, 1990	7	--	7	4	--	4	2	16	13	1	13	60
TOTAL U.S.	474	--	474	13	--	94	162	391	109	514	304	2,061
TOTAL U.S. Weeks Ended:												
DEC. 7, 1990	312	--	312	33	20	68	181	313	243	310	227	1,707
NOV. 30, 1990	363	--	363	65	37	84	271	377	121	611	342	2,271
NOV. 23, 1990	272	--	272	52	25	62	196	296	251	386	170	1,710
DEC. 15, 1989	361	21	340	123	3	202	454	648	207	145	192	2,335

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	NOVEMBER 1990	OCTOBER 1990 r/	JULY 1990
Florida	13.0	14.0	15.0
New York-Pennsylvania	7.0	7.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	4.0	5.0	5.0
Illinois	54.0	56.0	54.0
Indiana	5.0	6.0	5.0
Kansas	140.0	142.0	144.0
Kentucky	12.0	13.0	14.0
Michigan	50.0	50.0	53.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	15.0	16.0	16.0
Ohio	22.0	23.0	22.0
Oklahoma	273.0	277.0	300.0
North Dakota	98.0	100.0	99.0
South Dakota	4.0	4.0	4.0
Alabama	48.0	49.0	49.0
Arkansas	23.0	24.0	29.0
Mississippi	71.0	72.0	73.0
New Mexico-So. East	168.0	166.0	166.0
New Mexico-Other	15.0	16.0	13.0
North Louisiana	56.0	56.0	56.0
South Louisiana	964.0	958.0	960.0
Total Louisiana	1,020.0	1,014.0	1,016.0
Texas			
District 1	136.0	100.0	66.0
District 2	44.0	45.0	43.0
District 3	181.0	189.0	192.0
District 4	57.0	62.0	59.0
District 5	29.0	29.0	25.0
District 6, East Texas	101.0	102.0	96.0
Other	74.0	74.0	82.0
District 7-B	77.0	78.0	84.0
District 7-C	75.0	75.0	75.0
District 8 and 8-A	984.0	996.0	1,005.0
District 9	71.0	71.0	73.0
District 10	38.0	39.0	38.0
Total Texas	1,867.0	1,860.0	1,838.0
Colorado	78.0	79.0	81.0
Montana	50.0	52.0	53.0
Utah	74.0	74.0	74.0
Wyoming	278.0	280.0	275.0
Total Districts 1-4	4,390.0	4,400.0	4,407.0
Alaska	1,736.0	1,888.0	1,686.0
Arizona	0.0	0.0	0.0
California	947.0	949.0	950.0
Nevada	9.0	10.0	11.0
Total District 5	2,692.0	2,847.0	2,647.0
TOTAL U.S.	7,082.0	7,247.0 r/	7,054.0

r/ Revised: Data currently displayed are based on reported volumes from 39 producing companies. These volumes are estimated to represent 57.3% of lower 48 states production. When combined with reported Alaskan data, the sample represents 68.4% of total U.S. production in October.

API WEEKLY STATISTICAL BULLETIN
WEEK ENDED: DEC. 14, 1990

REVISIONS

12/07/90	PAGE 3	KEROSINE JET	DISTRICT 2 TOTAL	8,822
			TOTAL U.S.	45,452
			DISTRICTS 1-4	38,267
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,530
			TOTAL U.S.	4,703